

## INSTRUCTION MANUAL

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*Model EM-899*  
*Electronic Thermometer*

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Thank you for purchasing the Oregon Scientific thermometer. This thermometer has been designed specifically with performance and ease of use in mind. As with all Oregon Scientific products, this thermometer is made to the highest quality standards using precision electronic components and should give you many years of trouble free use. Please read the User's Guide carefully before use to ensure you get the best out of your new thermometer.

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## INTRODUCTION

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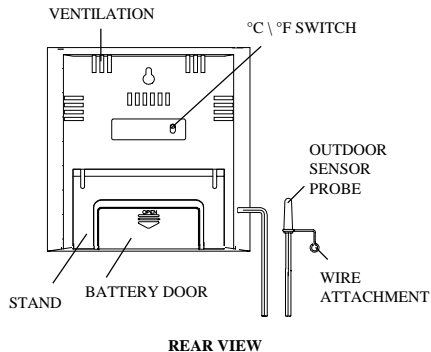
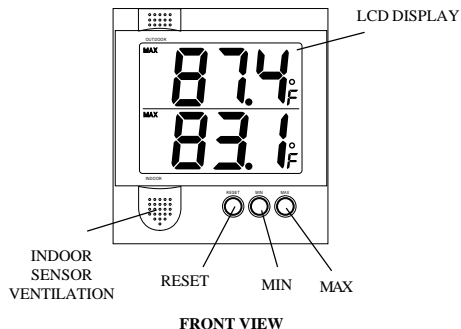
- Thank you for your purchase of this Electronic Thermometer.
  - Your Electronic Thermometer is an example of superior design and craftsmanship.
  - In order to optimize its function, be sure to read this instruction manual carefully before use.
  - Keep this instruction handy for future reference.
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## FEATURES

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- Electronic Thermometer with large size display.
- Display shows indoor and outdoor current temperature at the same time.
- Display shows indoor and outdoor maximum temperature recorded.
- Display shows indoor and outdoor minimum temperature recorded.
- User selectable °C or °F temperature units of measure.
- Wall mounting and table standing feature

## DESCRIPTION OF PARTS



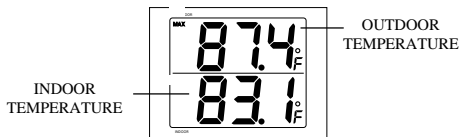
## INSTALLING AND REPLACING BATTERY

The Thermometer uses one piece UM4 or 'AAA' size battery ( 1.5 V D.C. ),

Follow these steps to install or replace the battery

1. Slide the battery door in the direction of the arrow.
2. Insert the battery as indicated by the polarity symbols ( + and - ) marked inside the battery compartment.
3. Replace the battery door.

## DISPLAY AND FUNCTIONS



## GENERAL OPERATION

This Thermometer will either measure and display indoor and outdoor current temperature or it can be set to display the maximum or minimum temperature recorded.

### Note:

When the outdoor temperature is outside the measuring range, LLL appears on the display ( below  $-50^{\circ}\text{C}$  /  $-58^{\circ}\text{F}$  ) or HHH appears on the display ( above  $+70^{\circ}\text{C}$  /  $+158^{\circ}\text{F}$  ).

When the indoor temperature is outside the operating range, fades out on the display ( below  $0^{\circ}\text{C}$  /  $+32^{\circ}\text{F}$  ) or blacks out on the display ( above  $+50^{\circ}\text{C}$  /  $+122^{\circ}\text{F}$  ).

This thermometer will continue to record the indoor/ outdoor maximum, indoor/outdoor minimum temperature changes, whether displaying current, maximum or minimum temperature readings.

## HOW TO RECALL THE STORED MINIMUM AND MAXIMUM TEMPERATURE MEMORIES

Follow these steps to display the minimum or maximum temperatures:

1. Press the [ **MIN** ] button once, the indoor / outdoor minimum temperatures recorded and the ' **MIN** ' indicator appear on the display.  
Press the [ **MIN** ] button once again, the current temperature appear on the display.
2. Press the [ **MAX** ] button once, the indoor / outdoor maximum temperatures recorded and the ' **MAX** ' indicator appear on the display.  
Press the [ **MAX** ] button once again, the current temperature appear on the display.

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## HOW TO RESET THE MAXIMUM OR MINIMUM TEMPERATURE MEMORIES

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1. Press the [ **RESET** ] button once, to clear the minimum or maximum temperature recorded, then full display segments will show for about 3 seconds.
2. The current temperature returns to display and such readings will update as the minimum and maximum temperature.

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## HOW TO SELECT THE TEMPERATURE UNITS OF MEASURE

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The switch on the back of the thermometer selects between degrees Celsius and Fahrenheit. To select Celsius units, set the switch to °C. To select Fahrenheit units, set the switch to °F.

### **Note:**

Press the [ **RESET** ] button once, after the temperature units of measure changed to degrees Celsius or Fahrenheit.

After resetting the unit, the minimum and maximum temperature recorded will be reset.

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## THE RESET BUTTON

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If the unit does not operate properly, use a pointed object to push the [ **RESET** ] button once, which is located in the front panel.

### **Note:**

After resetting the unit, the minimum and maximum temperature recorded will be reset.

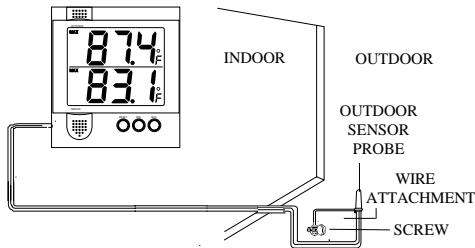
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## SECURING THE OUTDOOR SENSOR PROBE

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Follow these steps to secure the outdoor sensor probe :

1. Drive a screw (not included ) into the wall at the location you choose for the sensor.
2. Hang the outdoor sensor probe wire attachment loop onto the screw.
3. Route the outdoor sensor cord ( 10 feet ) through the window.

**Note:**

Locate the outdoor sensor probe away from direct sun light and heavy precipitation.

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## MAINTENANCE

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When handled properly, this unit is engineered to give you years of satisfactory service. Here are a few product care instructions:

1. Do not immerse the unit in water. If the unit comes in contact with water, dry it immediately with a soft lint-free cloth.
2. Do not clean the unit with abrasive or corrosive materials. Abrasive cleaning agents may scratch the plastic parts and corrode the electronic circuit.

3. Do not subject the unit to excessive: force, shock, dust, temperature, or humidity. Such treatment may result in malfunction, a shorter electronic life span, damaged batteries, or distorted parts.
4. Do not tamper with the unit's internal components. Doing so will terminate the unit's warranty and may cause damage. The unit contains no user-serviceable parts.
5. Only use new batteries as specified in this instruction manual. Do not mix new and old batteries as the old batteries may leak.
6. Read this instruction manual thoroughly before operating the unit.

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## FREE STAND AND WALL MOUNTING

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**Stand:**

Flip out the plastic stand on the rear of the Thermometer for table standing. Stand the Thermometer on a flat surface.

**Wall Mount:**

You can mount your Thermometer on a wall by using a screw (not included) with the screw head extending about 3.5 mm from the wall.

**Notes:**

For accurate measurement, you should mount the Thermometer in an area where air can flow freely around it.

## SPECIFICATIONS

Operating temperature	: 0°C to 50°C ( 32°F to 122°F)
Temperature measuring range	: 0°C to 50°C ( 32°F to 122°F) ( unit : indoor sensor )
Temperature measuring range	: -50°C to 70°C ( -58°F to 158°F) ( probe: outdoor sensor )
Temperature display resolution	: 0.1°C ( 0.2°F) ( unit : indoor sensor and probe: outdoor sensor )
Temperature sampling cycle	: 10 seconds ( unit :indoor sensor and probe: outdoor sensor )
Power source	: Uses 1 piece UM4 or 'AAA' size battery ( not included )
Battery Life	: Approx. 12 months
Weight	: 4.76 ounces ( without battery )
Size	: 4.61 x 4.21 x 83 inches ( H X W X D)

## WARRANTY

This product is warranted to be free of manufacturing defects for a period of 3 months from date of retail purchase. Defective product should be directed to the place of retail purchase for exchange. Should this not be possible, contact our customer care department for assistance and a return material authorization. No returns may be made without a return authorization. Please retain your retail receipt as you may be asked to provide a copy of it for proof of date purchased.

This warranty does not cover product subjected to abuse, misuse, accidental damage or tampering.

Should you require assistance regarding this product and its operation, please contact our customer care department at 541-868-8205.

## CAUTION

- The content of this manual is subject to change without further notice.
- Due to printing limitation, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.